

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-23
NPDES NO. CA 0038024

AMENDING WASTE DISCHARGE REQUIREMENTS FOR:

FAIRFIELD-SUISUN SEWER DISTRICT
SOLANO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. The Fairfield-Suisun Sewer District (hereinafter discharger) submitted a Report of Waste Discharge dated March 7, 1986 for amendment of NPDES Permit No. CA0038024.
2. The discharge is presently regulated by Waste Discharge Requirements in Order No. 85-53 which states:

"A. Discharge Prohibitions

1. Discharge into dead-end sloughs and similar confined waters or at any point at which the wastewater does not receive an initial dilution of at least 10:1 is prohibited. An exception to the prohibition is granted provided the discharge affords a net environmental benefit.

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3. The average dry weather flow shall not exceed 15.6 mgd. Average shall be determined over three dry consecutive months each year.

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E. Provision

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4. The discharger shall comply with Prohibition A.1 according to the following schedule:

<u>Task</u>	<u>Completion Date</u>
a. Construct . . . wastewater storage basins, to minimize the adverse effects a treatment plant upset would have on State waters if the study identified in Finding 8.f. finds the need for such . . . basins	Simultaneously with the Boyton- Cordelia Ditch Construction*
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f. Submit draft investi- gation report and time schedules des- cribed in Findings . . . 8.f."	June 1, 1986

Finding:

- "8. The discharger has requested that an exception to the Suisun Marsh dry weather discharge prohibition be considered by the Board, and proposes to discharge into the marsh flows in excess of that to be reclaimed. This request is based upon the discharger's proposal to:
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- f. Conduct an investigation of the effects of the present highly-treated, low-salinity discharge as described in a 'Proposed Outline Of Approach And Contents Of Technical Report Documenting Water Quality Conditions And Protection Of Beneficial Uses For The Fairfield-Suisun Sewer District.' Then, take all actions needed to assure the discharge will provide a net benefit to the environment."
3. The discharger has begun, and is making satisfactory progress, but has not completed the investigation of the net effect of the wastewater discharge on the environment. The draft report is expected to be completed on schedule.

4. The discharger is advised that the requirement that the discharge affords a net environmental benefit may limit the rate of discharge regardless of the flow limit stated in Discharge Prohibitions A.3.
5. Construction of an influent bypass structure, equalization clarifier, aerated equalization basin, equalization lagoons and chlorination improvements has been proposed by the discharger. When completed the discharger reports:
 - a. The capacity of the plant to meet effluent wastewater limitations will be increased to 17.5 mgd; and
 - b. The basins can provide emergency storage of toxic influent wastewater and reduce the possibility of treatment plant upset.
6. The discharger has requested that the flow limit in Discharge Prohibition A.3. of Order No. 85-53 be increased to 17.5 mgd when the proposed construction is completed.
7. The proposed basins to store influent wastewater is a step toward compliance with the requirements in Provision 4.a. of Order No. 85-53 but the study and additional basins, if needed, must still be completed.
8. A Negative Declaration for the project was adopted by the Fairfield-Suisun Sewer District and it reported that the project will not have a significant impact on the environment.
9. The discharger and interested agencies and persons have been notified of the Board's intent to amend requirements for the existing discharge and have been provided with the opportunity for a public hearing and the opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and consider all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the discharger in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and the provisions of the Clean Water Act as amended and regulations and guidelines adopted thereunder shall comply with the following:


1. Discharge Prohibition A.3. of Order No. 85-53 is revised to read as follows:

"3. The average dry weather flow shall not exceed the plant capacity of 15.6 mgd. Upon completion and satisfactory operation of the expansion project (including construction of a bypass structure, clarifier, equalization basin, equalization lagoons and chlorination improvements) and demonstration of consistent compliance with its NPDES Permit to the satisfaction of the Regional Board Executive Officer, the average dry weather flow shall not exceed the new plant capacity of 17.5 mgd. Average shall be determined over three consecutive dry months each year."

2. Provision E.10. of Order No. 85-53 is revised to read as follows:

"10. This Order expires April 16, 1991 . . ."

I, Roger B. James, Executive Officer do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on April 16, 1986.


ROGER B. JAMES
Executive Officer